

SUBSTITUTE ABSTRACT

ABSTRACT OF THE INVENTION

An adjustable stop plank for a power tool includes a drive mechanism connected to the stop plank for continuous adjustment of the angle of the stop plank with respect to the work surface and has a display for indicating the current angle of the stop plank. In one form, the micro-adjusting device for the stop plank of a power tool includes a hand wheel unit provided on the holding frame operable to continuously adjust the angle of the stop plank. The power tool may include indicia to indicate a plurality of angles for the stop plank and an index for indicating on the indicia the current angle of the stop plank.

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An adjustable stop plank for a power tool includes a drive mechanism connected to the stop plank for continuous adjustment of the angle of the stop plank with respect to the work surface and has a display for indicating the current angle of the stop plank. In one form, the [[A]] micro-adjusting device for the [[angle]] stop plank of a ~~planer~~ power tool includes a hand wheel unit provided on the holding frame and having a worm, a transmission rod provided in the holding frame to be rotated by the worm, an upper connecting rod meshed with and actuated to move back and forth by a transmission gear fixed on one end of the transmission rod and having one end pivotally connected with a stop plank, and a lower connecting rod having its opposite ends respectively connected pivotally with the stop plank and the holding frame to form two pivotal joints serving as turning fulcrums. When the hand wheel unit is turned around, the upper connecting rod is actuated to pull or push the upper portion of the stop plank, and the lower connecting rod together with the turning fulcrums micro-adjusts the stop plank at a required angle operable to continuously adjust the angle of the stop plank. The power tool may include indicia to indicate a plurality of angles for the stop plank and an index for indicating on the indicia the current angle of the stop plank.